

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041024\  
 Data File : VX040957.D  
 Acq On : 10 Apr 2024 16:06  
 Operator : JC/MD  
 Sample : VSTD00568  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD005668

Quant Time: Apr 11 05:26:25 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041024WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 11 05:26:00 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 6.757  | 114  | 305848   | 50.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055 | 117  | 289892   | 50.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024 | 152  | 158787   | 50.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 1.367  | 65   | 10255    | 4.714  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.672  | 69   | 8571     | 4.825  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.306  | 65   | 4308     | 4.638  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 4.464  | 46   | 12845    | 10.840 | ug/L   | 0.01     |
| 24) Chloroform-d              | 5.062  | 84   | 18970    | 4.674  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.958  | 65   | 13505    | 5.115  | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.976  | 84   | 36059    | 4.582  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 7.312  | 67   | 10520    | 4.583  | ug/L   | 0.00     |
| 41) Toluene-d8                | 8.647  | 98   | 35857    | 4.664  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.951  | 79   | 4736     | 4.100  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 9.384  | 63   | 7887     | 8.125  | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189 | 84   | 15489    | 4.555  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.317 | 152  | 14843    | 4.660  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.166  | 85   | 8992     | 4.465  | ug/L   | 98       |
| 3) Chloromethane              | 1.300  | 50   | 8172     | 4.274  | ug/L   | 100      |
| 5) Vinyl chloride             | 1.374  | 62   | 10207    | 4.443  | ug/L   | 92       |
| 6) Bromomethane               | 1.611  | 94   | 6007     | 4.325  | ug/L   | 99       |
| 8) Chloroethane               | 1.691  | 64   | 6407     | 4.482  | ug/L   | 96       |
| 9) Trichlorofluoromethane     | 1.892  | 101  | 15869    | 4.384  | ug/L   | 97       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.331  | 101  | 9024     | 4.362  | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.325  | 96   | 7919     | 4.310  | ug/L   | 86       |
| 13) Acetone                   | 2.379  | 43   | 13034    | 10.148 | ug/L   | 100      |
| 14) Carbon disulfide          | 2.514  | 76   | 19377    | 4.197  | ug/L   | 99       |
| 15) Methyl Acetate            | 2.703  | 43   | 9913     | 4.446  | ug/L   | 99       |
| 16) Methylene chloride        | 2.788  | 84   | 8247     | 4.307  | ug/L   | 93       |
| 17) trans-1,2-Dichloroethene  | 3.093  | 96   | 8075     | 4.246  | ug/L   | 98       |
| 18) Methyl tert-butyl Ether   | 3.117  | 73   | 24786    | 4.152  | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.617  | 63   | 14517    | 4.298  | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 4.495  | 96   | 9312     | 4.298  | ug/L   | 88       |
| 22) 2-Butanone                | 4.562  | 43   | 14431    | 8.584  | ug/L   | 87       |
| 23) Bromochloromethane        | 4.897  | 128  | 5215     | 4.427  | ug/L   | 89       |
| 25) Chloroform                | 5.098  | 83   | 16058    | 4.338  | ug/L   | 94       |
| 27) 1,2-Dichloroethane        | 6.092  | 62   | 12936    | 4.348  | ug/L   | 99       |
| 29) Cyclohexane               | 5.470  | 56   | 11837    | 4.076  | ug/L # | 64       |
| 30) 1,1,1-Trichloroethane     | 5.385  | 97   | 13347    | 4.108  | ug/L   | 99       |
| 31) Carbon tetrachloride      | 5.684  | 117  | 11813    | 3.990  | ug/L   | 97       |
| 33) Benzene                   | 6.031  | 78   | 32263    | 4.290  | ug/L   | 100      |
| 34) Trichloroethene           | 7.129  | 95   | 9516     | 4.410  | ug/L   | 97       |
| 35) Methylcyclohexane         | 7.385  | 83   | 12521    | 4.092  | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 7.433  | 63   | 8333     | 4.280  | ug/L   | 99       |
| 38) Bromodichloromethane      | 7.824  | 83   | 10955    | 4.014  | ug/L # | 97       |
| 39) cis-1,3-Dichloropropene   | 8.366  | 75   | 12220    | 3.842  | ug/L   | 97       |
| 40) 4-Methyl-2-pentanone      | 8.573  | 43   | 22866    | 7.755  | ug/L   | 99       |
| 42) Toluene                   | 8.720  | 91   | 34442    | 4.135  | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 8.982  | 75   | 10832    | 3.644  | ug/L   | 95       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041024\  
 Data File : VX040957.D  
 Acq On : 10 Apr 2024 16:06  
 Operator : JC/MD  
 Sample : VSTD00568  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD005668

Quant Time: Apr 11 05:26:25 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041024WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 11 05:26:00 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 9.153  | 97   | 8980     | 4.247 | ug/L  | 97       |
| 46) Tetrachloroethene         | 9.275  | 164  | 8235     | 4.053 | ug/L  | 96       |
| 48) 2-Hexanone                | 9.433  | 43   | 19176    | 8.051 | ug/L  | 96       |
| 49) Dibromochloromethane      | 9.518  | 129  | 8829     | 3.702 | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 9.610  | 107  | 9289     | 4.072 | ug/L  | 93       |
| 51) Chlorobenzene             | 10.079 | 112  | 24601    | 4.215 | ug/L  | 98       |
| 52) Ethylbenzene              | 10.195 | 91   | 38177    | 4.040 | ug/L  | 98       |
| 53) m,p-Xylene                | 10.299 | 106  | 14843    | 3.939 | ug/L  | 97       |
| 54) o-Xylene                  | 10.640 | 106  | 13852    | 3.812 | ug/L  | 93       |
| 55) Styrene                   | 10.658 | 104  | 23827    | 3.814 | ug/L  | 93       |
| 57) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 12843    | 3.920 | ug/L  | 97       |
| 59) Bromoform                 | 10.799 | 173  | 7607     | 3.904 | ug/L  | 98       |
| 60) Isopropylbenzene          | 10.963 | 105  | 38440    | 4.141 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 11.238 | 75   | 10307    | 4.251 | ug/L  | 97       |
| 62) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 29512    | 3.944 | ug/L  | 96       |
| 63) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 29346    | 3.896 | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.969 | 146  | 20230    | 4.153 | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 12.042 | 146  | 21634    | 4.326 | ug/L  | 95       |
| 67) 1,2-Dichlorobenzene       | 12.335 | 146  | 19966    | 4.225 | ug/L  | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 12.939 | 75   | 2712     | 3.911 | ug/L  | 85       |
| 69) 1,3,5-Trichlorobenzene    | 13.115 | 180  | 15051    | 4.035 | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.591 | 180  | 14245    | 4.030 | ug/L  | 95       |
| 71) Naphthalene               | 13.774 | 128  | 35229    | 3.637 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 14078    | 4.061 | ug/L  | 99       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

